



OIL MAINTENANCE

BNK 27/27

CJC™ Off-line Filter Insert

CJC™ Product Sheet

APPLICATION

The type **CJC™ BNK 27/27 Filter Insert** is manufactured specially for CJC Filters employed in the filtration of **insulating oils in tap changers** for efficient particle and water removal.

The BNK Insert is **especially dried** for optimal water and dirt holding capacity.

The insert is mounted with a **strainer** in the centre hole.

FILTRATION CAPABILITY

All CJC Filter Inserts have a filtration degree of 3 µm (micron) absolute (equiv. to 0.8 µm nominal) i.e. 98.7 % of all solid particles > 3 µm and approximately 50% of all particles > 0.8 µm are retained in each pass.

The dirt holding capacity of a new BNK 27/27 Filter Insert is 4 litres.

The water absorption potential is up to 50% (i.e. 2,000 mL H₂O) of total contaminant holding capacity.

DIMENSIONS

The figures below are nominal

Diameter: 27 cm
Height: 27 cm

COMPONENTS

CJC Filter Inserts type BNK consist of bonded discs. Main ingredients are wood cellulose and cottonlinters.

IDENTIFICATION

To order the BNK 27/27 Filter Insert, please use:

Article Nos
1 x 27/27: PA5601342



CJC™ BNK 27/27 Filter Insert.

The anticipated increase in differential pressure (ΔP), **measured in bar**, across one new **BNK 27/27 Filter Insert** is:

Flow rate, L/h	Differential Pressure (ΔP), in bar				
	Viscosity, cSt				
	100	200	300	400	500
200	0.15	0.30	0.48	0.64	0.80
400	0.30	0.65	0.96	1.28	1.60
600	0.50	0.95	1.44	1.92	2.40
800	0.65	1.30	1.92	2.56	3.20

To calculate the differential pressure across several Filter Inserts, divide the differential pressure reading from the table with the number of Filter Inserts in a filter housing.